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FORM PTO-1449

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(Use several sheets if necessary)

ATTY. DOCKET NO.	APPLICATION NO.	CONFIRMATION	NO.
200206025-1	10/632,290		
APPLICANT			
Daniel R. Blakley			
FILING DATE	GROUP		
July 31 2003			

REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

EXAMINER		DOCUMENT NUMBER	PUBLICATION DATE	NAME	Pages, Columns, Lines Where Relevant Passages or Figures Appear
The	1A	3,582,838	06/01/1971	DeVries	
40	1B	3,983,424	09/28/1976	Parks	
	1C	4,055,072	10/25/1977	Fletcher et al.	
	1D	4,788,466	11/29/1988	Paul et al.	
	1E	5,201,215	04/13/1993	Granstaff et al.	
	1F	5,448,126	09/05/1995	Eda et al.	
	1G	5,477,098	12/19/1995	Eguchi et al.	
	1H	6,144,332	11/07/2000	Reindl et al.	
	11	2002/0011761	01/31/2002 .	Takeuchi et al.	
	1J				
	1K				

FOREIGN PATENT DOCUMENTS

	:	DOCUMENT NUMBER	PUBLICATION DATE	NAME OF PATENTEE OR APPLICANT	Pages/Columns/Lines Where Relevant Passages/Figures Appear	Check if Translation attached
852	1L	JP 55-40967	03/22/1980	Toshiba Corp.		×
		WO 01/02857	01/11/2001	Cambridge University		
	1N					
	10					
	1P	·				

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

h	10	"In Situ Interfacial Mass Detection With Piezoelectric Transducers", Michael D. Ward et al., Science, Vol. 249, Issue 4972, August 31, 1990, pp. 1000-1007
<u></u>	1R	"A Novel Immunosensor for Herpes Viruses", Bernd Konig et al., Analytical Chemistry, Vol. 66 No. 3, February 1, 1994, pp. 341-344
<u>ر</u> الم	15	"Piezoelectric Mass-Sensing Devices as Biosensors - An Alternative to Optical Biosensors?", Andreas Janshoff et al., The Quarz-Crystal Microbalance in Life Science, Amer. Chem. Int. Ed. 2000, 39, pp. 4004-4032
EXAMI	SER	DATE CONSIDERED 3/7/05

F	ORM P	PTO-1449			ATTY. DOCKET NO.		APPLICATION NO.	CONFIRMAT	ION	N
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	2M					-				_
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	20								 -	-
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		OTHER REFE	RENCES (includin	ng Auth	or, Title, Date, P	ertinen	t Pages, etc.)			-
	20		Breakage, Measur		·					
Ph		Microbalance",	F. N. Dultsev et al.	., Langn	nuir 2000, 16, pp.	5036-5	040	,		
Bh	2R	"Listening for V 2001, Vol. 19,	/iral Infection", Eric pp. 823-824	a Ollma	nn Saphire et al., N	Nature B	liotechnology, Se	eptember		
Ki	25	"Direct and Ser Cooper et al., N	nsitive Detection of lature Biotechnolog	a Huma ıy, Septe	n Virus by Rupture amber 2001, Vol. 1	e Event 19, pp.	Scanning ⁿ , Matt 833-837	hew A.		
EXAMIN	ER	7			DATE CONSIDERI	ED,	1 /			
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Sheet 11

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of 1

Application Number 10/632,290
Filing Date July 31, 2003
First Named Inventor Blakley
Art Unit 2856
Examiner Name Rose Mary Miller
Attorney Docket Number 200206025-1

			U. S. PATEN	T DOCUMENTS	
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ^{2 (# known)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pagas, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
This-		^{US-} 5,932,807	08-03-1999	Mallart	
1		^{US-} 4,448,076	05-15-1984	van Heelsbergen	
		^{US-} 4,253,338	03-03-1981	linuma et al	
		^{US-} 4,766,554	08-23-1988	Sarr et al	
		^{US-} 4,332,171	06-01-1982	lida et al	
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		FORE	IGN PATENT DOCU	MENTS		
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